

# School of Earth Sciences and Geography Keele University : Weather Data

Lat. 52° 59' 55 N    Long. 2° 16' 05 W :  
OS Grid Ref : SJ 820447; Alt. 179m (587ft) O.D.

## Summary of Climate Data for :-

October 2020

		From norm	Day	Comments
Mean Air Temp (°C)	9.6	-0.1		
Mean Air Maximum (°C)	12.6	-0.3		
Mean Air Minimum (°C)	6.5	0.1		
Highest Maximum (°C)	16.1		20	
Lowest Maximum (°C)	9.6		28	
Highest Minimum (°C)	12.6		21	
Lowest Minimum (°C)	2.6		15	
Mean Grass Minimum (°C)	4.2			
Lowest Grass Minimum (°C)	-1.8		23	
Mean Concrete Minimum (°C)	6.7			
Lowest Concrete Minimum (°C)	3.0		15	
Mean 10cm. Soil Temp (°C)	9.6	-0.2		
Mean 30cm. Soil Temp (°C)	11.5	0.9		
Mean 100cm. Soil Temp (°C)	12.4	0.5		
Air Frost (days)	0	-1		
Ground Frost (days)	3	-3		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	108.4	37.5		
Days with 0.2mm or more	26	9		
Days with 1.0mm or more	15	2		
Days with 5.0mm or more	7			
Greatest fall in one day (mm)	36.2		3	
Relative Humidity (%)	93			
Sunshine (hours)	61.6	-25.8		
Sunniest Day (hours)	5.8		1	
Days with Nil Sunshine	4	-3		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

## Summary of Wind Data for :-

October 2020

Force	Total	%
Hours of Calm	0	0.0%
Hours of 10 Knots (12mph) or over	38	5.1%
Gusts of 34Knots (39mph) or over	0	

**Mean Wind Speed (Knots)** 5.3

	Knots	Date	Time
<b>Highest Hourly Mean Velocity</b>	14	3	20
<b>Highest Gust</b>	33	31	12

## Percentage Time vs Wind Direction

